

Kcnj3 antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI10784

Product Information

Application WB Primary Accession P63250

Other Accession NM 008426, NP 032452

Reactivity Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine

Predicted Mouse, Rat, Pig, Chicken

Host Rabbit
Clonality Polyclonal
Calculated MW 56573

Additional Information

Gene ID 16519

Alias Symbol GIRK1, Kcnf3, Kir3.1, MGC124233, MGC124234

Other Names G protein-activated inward rectifier potassium channel 1, GIRK-1, Inward

rectifier K(+) channel Kir3.1, Potassium channel, inwardly rectifying subfamily

J member 3, Kcnj3, Girk1

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-Kcnj3 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions Kcnj3 antibody - C-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name Kcnj3

Synonyms Girk1

Function Inward rectifier potassium channels are characterized by a greater tendency

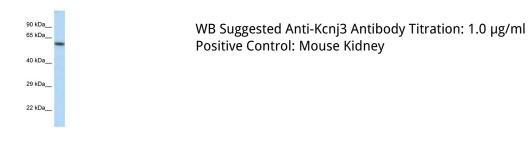
to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. This potassium channel is controlled by G proteins (PubMed:32617840). This receptor plays a crucial

role in regulating the heartbeat (By similarity). Forms a functional channel in association with KCNJ5/GIRK4 or KCNJ6/GIRK2 or KCNJ9/GIRK3 (PubMed:10341034).

Cellular Location

Membrane; Multi-pass membrane protein

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.